



Form PTO-1449 (modified)

## List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.

TAMK:224---

Serial No.

09/779,683

Applicant

A. John Appleby  
Serguey Gamburzev

Filing Date:

February 8, 2001

Group:

Not yet assigned

## U.S. Patent Documents

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## Foreign Patent Documents

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## Other Art

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
M 2 )	A1	6,022,634	Feb. 8, 2000	Ramunni et al.	429	34	
	A2	6,132,895	Oct. 17, 2000	Pratt et al.	429	39	
	A3	6,146,780	Nov. 14, 2000	Cisar et al.	429	34	
	A4	4,882,232	Nov. 21, 1989	Bunget et al.	428	613	
	A5	6,171,721	Jan. 9, 2001	Narayanan et al.	429	41	
	A6	5,584,983	Dec. 17, 1996	Pruyn	205	103	
	A7	6,103,319	Aug. 15, 2000	Harada et al.	427	531	
	A8	4,769,297	Sep. 6, 1988	Reiser et al.	429	17	
	A9	5,503,944	Apr. 2, 1996	Meyer et al.	429	13	
	A10	5,861,222	Jan. 19, 1999	Fischer et al.	429	42	
	A11	5,397,655	Mar. 14, 1995	Bette et al.	429	13	
	A12	5,472,801	Dec. 5, 1995	Mattejat et al.	429	39	
	A13	5,521,018	May 28, 1996	Wilkinson et al.	429	26	
	A14	5,537,363	Jul. 16, 1996	Holcomb	366	273	
	A15	5,547,776	Aug. 20, 1996	Fletcher et al.	429	13	
	A16	4,988,583	Jan. 29, 1991	Watkins et al.	429	30	
	A17	5,108,849	April 28, 1992	Watkins et al.	429	30	
	A18	5,441,819	Aug. 15, 1995	Voss et al.	429	13	
	A19	5,503,944	April 2, 1996	Meyer et al.	429	13	
	A20	5,242,764	Sep. 7, 1993	Dhar	429	30	
V )	A21	5,318,863	Jun. 7, 1994	Dhar	429	30	
M 2 )	A22	5,547,551	Aug. 20, 1996	Bahar et al.	209	296	

EXAMINER:

*M. B. J. B.*

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
M3	A23	5,211,984	May 18, 1993	Wilson	427	115	
1	A24	5,234,777	Aug. 10, 1993	Wilson	429	33	
	A25	3,969,145	Jul. 13, 1976	Grevstad et al.	429	26	
	A26	6,176,984	Jan. 23, 2001	Narang, et al.	204	296	
	A27	4,192,906	Mar. 11, 1980	Maru	429	13	
	A28	5,578,388	Nov. 26, 1996	Faita et al.	429	30	
	A29	4,610,938	Sep. 9, 1986	Appleby	429	42	
	A30	4,876,115	Oct. 24, 1989	Raistrick	427	115	
	A31	4,316,944	Feb. 23, 1982	Landsman et al.	429	44	
	A32	4,447,506	May 8, 1984	Luczak et al.	429	44	
M2W	A33	3,801,374	Apr. 2, 1974	Dews et al.	136	120	
	A34						
	A35						
	A36						

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
M2	B1	WO 98 33 221	Jul. 30, 1998	WO			N/A
	B2						
	B3						
	B4						
	B5						

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M. B. Williams

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Other Art

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>M2</i>	C1	Appleby, et al., <i>Energy</i> , 11: 137 (1986).
	C2	Ticianelli, et al., <i>J. Electrochem. Soc.</i> , 135: 2209 (1988).
	C3	Srinivasan, et al., <i>J. Power Sources</i> , 22: 359 (1988).
	C4	Srinivasan, et al., <i>J. Electroanal. Chem.</i> , 251: 275 (1988).
	C5	Ticianelli, et al., <i>J. Appl. Electrochem.</i> , 21: 597 (1991).
	C6	Srinivasan, et al., <i>J. Power Sources</i> , 29: 367 (1990).
	C7	Parthasarathy, et al., <i>J. Electrochem. Soc.</i> , 138: 916 (1991).
	C8	Srinivasan, et al. <i>J. Power Sources</i> , 36: 299 (1991)
	C9	Parthasarathy, et al., <i>J. Electroanal. Chem.</i> , 339: 101 (1992)
	C10	Appleby, et al., <i>Energy</i> , 11: 13 (1986)
	C11	Ferreira et al., <i>Ext. Abs., Electrochem. Soc. Fall Meeting</i> , 1993, The Electrochemical Society, Pennington, NJ, 606 (1993)
	C12	Wilson, et al., <i>J. Appl. Electrochem.</i> , 22: 1 (1992)
	C13	Bernard, et al., <i>J. Electrochem. Soc.</i> 139, 2477 (1992).
	C14	Springer, et al., <i>J. Electrochem. Soc.</i> 140, 3513 (1993).
	C15	Rho, et al., <i>J. Electrochem. Soc.</i> , in press.
	C16	Yeager et al., in <i>Perfluorinated Ionomer Membranes</i> , H. L. Yeager and A. Eisenberg, eds., ACS Symposium Series, American Chemical Society, Washington, DC, 1982, p. 1.
	C17	Zawodzinski, et al., <i>J. Electrochem. Soc.</i> 140, 1041 (1993).
<i>V</i>	C18	Liebhavsky et al., <i>Fuel Cells and Fuel Batteries</i> , Academic Press, New York, 1964, p. 587 et seq.
	C19	Dhar, <i>J. Electroanal. Chem.</i> 357, 237 (1993).
<i>M3</i>	C20	Barbir et al., <i>Abstr. 1996 Fuel Cell Seminar</i> , National Fuel Cell Coordinating Group, Washington, DC, 505 (1996).

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
M2	C21	Emery, <i>Abstr. 1983 Fuel Cell Seminar</i> , National Fuel Cell Coordinating Group, Washington, DC, 1983, p. 98; Commercial Brochure, Occidental Petroleum (1984).
	C22	Pourbaix, <i>Atlas d'Equilibres Electrochimiques à 25°C</i> , Gauthier-Villars, Paris, 475-484 (1963).
	C23	Anon., <i>Chemical and Engineering News</i> , July 28, 23 (1997).
	C24	Murphy et al., <i>Ext. Abs. Electrochem. Soc. Battery Div., 1997 Joint International Meeting, Paris, France</i> , The Electrochemical Society Inc., Pennington, NJ, 194 (1997).
	C25	Bockris et al., <i>Energy</i> , 11: 95 (1986).
	C26	Baker et al., <i>Development of Phosphoric Acid Fuel Cell Technology</i> , Final Rept., DOE Contr. No. EC-77-C-03-1404, US Department of Energy, Washington D.C. (1978).
	C27	Sommers et al., <i>Evaluation of DiGas™ Cooling for Utility Fuel Cell Power Plants</i> , EPRI EM-1365, Electric Power Research Institute, Palo Alto, CA, (1980).
	C28	O. Savodogo, <i>J. New Mat. for Electrochem. Syst.</i> , 1: 47 (1998).
	C29	Harned et al., <i>The Physical Chemistry of Electrolytic Solutions</i> , 3rd Edn. Reinhold, New York, 575 (1958).
	C30	Appleby et al., <i>Fuel Cell Handbook</i> , Van Nostrand Reinhold, New York, 519-527 (1989).
	C31	Moelwyn-Hughes, <i>Physical Chemistry</i> , 2nd Edn., Pergamon Press, Oxford, 541 (1961).
	C32	Green et al, <i>Perry's Chemical Engineers' Handbook</i> , 6th Edn., McGraw-Hill, New York, 6-21 (1984).
	C33	Gambrzhev et al., <i>J. Appl. Electrochem.</i> 29: (in press, 1999).
	C34	Zawodzinski et al., <i>J. Electrochim. Acta.</i> , 40: 297 (1995).
	C35	Xie et al., <i>J. Electrochim. Soc.</i> 142: 3057 (1995).
	C36	Fuller et al., <i>J. Electrochim. Soc.</i> 139: 1332 (1992).
M3	C37	Conway et al., <i>J. Chem. Phys.</i> 24: 834 (1956).

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